

WATER/WASTEWATER TREATMENT MANAGER

DISTINGUISHING FEATURES

The fundamental reason the Water/Wastewater Treatment Manager position exists is to provide direction in the day to day direction of the overall operation and maintenance of the Water Campus and the Gainey Ranch Water Reclamation Facilities. This includes the assurance of efficient, safe and economical treatment of water and wastewater associated with the treatment systems at these facilities. This position is responsible for meeting all Local, State and Federal requirements associated with the Water Campus and Gainey Ranch Reclamation Facilities. This classification supervises and manages a large staff. This position reports to the Water/Wastewater Treatment/Quality Director.

ESSENTIAL FUNCTIONS

Plans, organizes, directs and reviews all activities related to the Water Campus Facility. This includes 12 mgd and 1.7 mgd water reclamation, 11 mgd microfiltration and 6 mgd reverse osmosis facilities.

Develops and supervises the application of techniques and methods in various process controls to increase the efficiency of the facilities operation.

Reviews comprehensive reports and provides detailed information and recommendations to the Water/Wastewater Treatment/Quality Director.

Prepares the annual operation budget for the Water Campus and Gainey Ranch facilities.

Reviews all plans for upgrades, new construction projects and replacement projects that affect the operation of the facilities.

Directs research and development in the area's of new processes or techniques in order to maintain an efficient operation.

Prepares comprehensive reports necessary to provide information as required by local, state or federal regulatory agencies.

Provides solutions in the more difficult technical or public relations problems. Conducts facilities tours as required.

Plans in-service training for employees and completes performance reviews.

Reviews operation and maintenance work through on the job inspections, conferences and reports.

Provides advice on future systems improvements deemed necessary to dispose of expected increases in wastewater flows.

Reviews and studies the operating expenditures of the facilities.

MINIMUM QUALIFICATIONS

Knowledge, Skills, and Abilities

Knowledge of:

Chemical/physical and biological processes used in the water and wastewater treatment processes such as; coagulation, flocculation settling, sedimentation, filtration, disinfection, microfiltration, reverse osmosis and activated sludge.

Laboratory practices required to properly evaluate treatment processes such as; BOD, DO, PH, JAR TEST, CL2 RESIDUAL, TURBIDITY, COD, COLOR, HARDNESS, TSS, TDS. FECAL COLIFORMS, TOTAL COLIFORMS.

Mechanical and electrical trouble shooting.

OSHA guidelines related to large water and wastewater treatment facilities.

Ability to:

Meet all State of Arizona OSHA guidelines and requirements applicable to water and wastewater treatment facilities.

Work as a strong leader of a large work group in a positive and effective manner.

Understanding of progressive disciplinary action and the ability to professionally and fairly evaluate employee's performance on varied levels.

Work as the leader of a large work group in a positive and effective manner.

Education & Experience

Any combination of training and experience equivalent to 7 years of operation and maintenance of advanced, complex water and or wastewater treatment facilities including 2 years at supervisory level. Technical training and/or college courses in water and or wastewater technology, biology, chemistry or sanitary engineering.

Experience with advanced computerized systems utilized in water and wastewater treatment facilities.

Grade IV Certification from the Arizona Department of Environmental Quality in Water and/or Wastewater Treatment is required.

FLSA Status: Exempt

HR Ordinance Status: Unclassified

